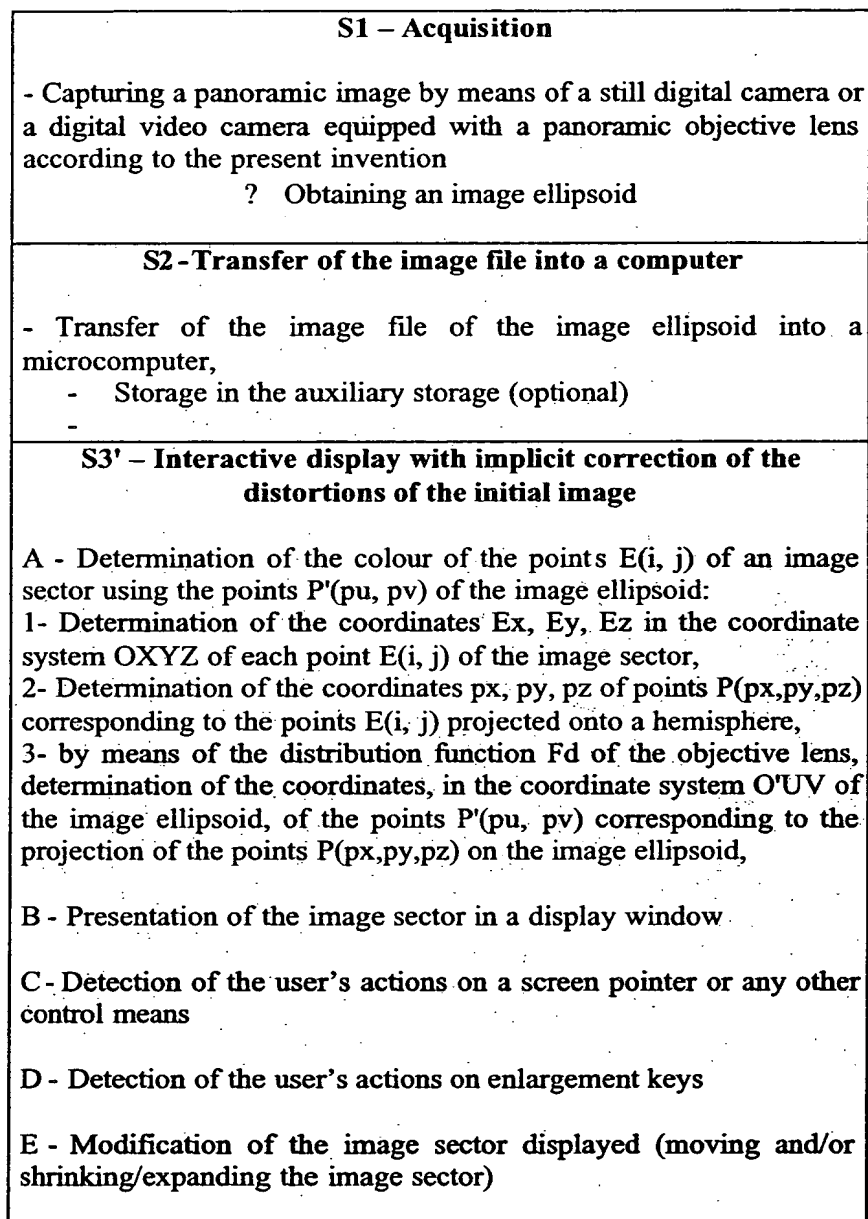




<b>S1 – Acquisition</b> <ul style="list-style-type: none"><li>- Capturing a panoramic image by means of a still digital camera or a digital video camera equipped with a panoramic objective lens according to the present invention<ul style="list-style-type: none"><li>? Obtaining an image ellipsoid (D1, D2)</li></ul></li></ul>
<b>S2 - Transfer of the image file into a computer</b> <ul style="list-style-type: none"><li>- Transfer of the image file of the image ellipsoid into a microcomputer,</li><li>- Storage in the auxiliary storage (optional)</li></ul>
<b>S3 - Correction of the image ellipsoid</b> <ul style="list-style-type: none"><li>- Transfer of the image points of the image ellipsoid into a virtual image disk of radius D2 comprising more image points than an image disk of radius D1,<ul style="list-style-type: none"><li>? Obtaining a classical image disk</li></ul></li></ul>
<b>S4 – Digitisation</b> <ul style="list-style-type: none"><li>- Transfer of the image points of the image disk into a system of axes OXYZ in spherical coordinates<ul style="list-style-type: none"><li>? Obtaining a hemispherical panoramic image</li></ul></li></ul>
<b>S5 - Interactive display</b> <ul style="list-style-type: none"><li>- Determination of the image points of an image sector to be displayed</li><li>- Display of the image sector on a display window</li><li>- Detection of the user's actions on a screen pointer or any other control means,</li><li>- Detection of the user's actions on keys for image enlargement,</li><li>- Modification of the sector displayed (sliding the image sector displayed on the surface of the hemisphere and/or shrinking/expanding the image sector displayed)</li></ul>

**Fig. 8**

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**Fig. 10**